

Eastern Pennsylvania Branch of
The American Society for Microbiology
C/O, NLTN
305 South Street
Boston, MA 02130-3597

asm

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34th Annual Symposium
Presented by

**Eastern Pennsylvania Branch of
the American Society for Microbiology**
♦♦♦
National Laboratory Training Network
♦♦♦
University of Pennsylvania

Clinical Mycology Update: 2003

November 6 - 7, 2003

**Biomedical Research Building II/III
University of Pennsylvania
Philadelphia, Pennsylvania**



General Information

The Eastern Pennsylvania Branch of the American Society for Microbiology, the National Laboratory Training Network and the University of Pennsylvania are co-sponsoring the 34th Annual Symposium. The title for this year's Symposium is "Clinical Mycology Update: 2003". The program will include four major sessions. Day 1 will focus on the clinical issues of hospital infections and environmental mold contamination, and the issues surrounding therapy of human infections. Day 2 will focus on the detection, identification and anti-microbial susceptibility testing of fungi along with studies of the epidemiology of disease. This conference will be of interest to clinical microbiologists in hospitals, commercial reference or environmental testing laboratories, laboratory directors, supervisors, technologists, infectious disease physicians, scientists in pharmaceutical and diagnostic testing industries and infection control personnel.

The meeting will be held in the Auditorium of the Biomedical Research Building II/III (#2 on map), 421 Curie Boulevard, University of Pennsylvania, Philadelphia, PA 19104. A map and description of the facility along with parking facilities can be found at: <http://www.facilities.upenn.edu/visitUs/>. Information on public transportation is available at: www.septa.org, including a special University City area loop bus termed "LUCY" at: www.golucy.org. Nearby hotels include The Inn at Penn, 215-222-0200 and the Sheraton University City, 215-387-8000. Registrants are urged to make room reservations as soon as possible. For additional information or directions, contact Valorie Flynn: 215-662-6651 or valorie.flynn@uphs.upenn.edu.

Program Co-Chairs

Donald D. Stieritz, PhD
VA Medical Center
Philadelphia, PA

Karin L. McGowan, PhD
Children's Hospital of Philadelphia
Philadelphia, PA

Branch President

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Please direct all questions to:

Registration
NLTN Office

800-536-NLTN or
617-983-6285

Publicity

Henry R. Beilstein, PhD

215-242-2382
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Objectives

Upon completion of this symposium, participants should be able to:

- Identify the etiology of human mycotic infections and the associated risk factors.
- Identify the etiology and consequences of environmental mold contamination.
- Identify the currently available antifungal therapeutic agents as well as newly developed ones.
- Identify current laboratory diagnostic procedures for fungal agents and the principles and applications of newer technologies.
- Outline the current NCCLS procedures and recommendations for the susceptibility testing of fungi along with the interpretive guidelines.
- Describe the role of the clinical laboratory in the epidemiology of fungal disease in relationship to newer molecular technologies.

Continuing Education Credit

Continuing education credit (CEUs) will be offered to all laboratorians based on 6.5 hours (11/6) and/or 6.0 hours (11/7) of instruction.

Special Needs

In compliance with the Americans with Disabilities Act, individuals needing special accommodations should notify the NLTN office at least two weeks prior to the workshop. For more information please call: 800-536-NLTN (in the Northeast area) or 617-983-6285.

Registration Options

Registration Options:

Fax to: 617-983-8037

Mail to: NLTN
305 South Street
Boston, MA 02130-3597

The National Laboratory Training Network



is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC).

Clinical Mycology Update: 2003

Thursday, November 6, 2003
8:20 a.m. - 5:30 p.m.

Session I - Overview & Clinical Issues

- 7:30 Registration**
- 8:20 Introduction**
Welcome
Donald D. Stieritz, PhD, ABMM
VA Medical Center
Philadelphia, PA
- 8:30 Keynote Address**
An Overview of Mycotic Disease
Michael G. Rinaldi, PhD, Director,
Fungus Testing Lab, Professor of
Medicine, Univ. of Texas Health Science
Center, San Antonio, TX
- 9:15 Environmental Issues & Sick Building Syndrome**
Mahmoud A. Ghannoum, PhD, Director,
Center for Medical Mycology, Case Western
Reserve Univ. of Cleveland & Univ. Hospi-
tals, Cleveland, OH
- 10:00 Refreshment Break**
- 10:30 The Impact of Fungal Infections on Solid Organ Transplant Recipients**
Emily Blumberg, MD,FACP, Associate
Professor of Medicine, Division of Infectious
Diseases, Univ. of Pennsylvania,
Philadelphia, PA
- 11:15 Candida Biofilms & Sepsis**
Mahmoud A. Ghannoum, PhD
- 12:00 Roundtable Discussion**
- 12:15 Lunch**
- Session II - Antifungal Therapy & New Agents***
- 1:30 Overview of Current Antifungal Therapies**
Mindy Schuster, MD, Associate Professor
of Medicine, Division of Infectious Diseases,
Univ. of Pennsylvania, Philadelphia, PA

- 2:15 Newer Agents in the Treatment of Fungal Infections**
Michael G. Rinaldi, PhD
- 3:00 Refreshment Break**
- 3:30 Mechanisms of Antifungal Resistance**
Theodore C. White, Associate Member
Seattle Biomedical Research, Assistant
Professor Dept. of Pathobiology, Univ. of
Washington, Seattle, WA
- 4:15 Advances in Antifungal Chemotherapy: A View Toward the Future from Bench to Bedside**
Thomas Walsh, MD, PhD, ASM-Waksman
Foundation Lecturer, Chief, Immunocom-
promised Host Section, Pediatric Oncology
Branch, National Cancer Institute,
Bethesda, MD
- 5:00 Roundtable Discussion**
- 5:15 Evaluation**
- 5:30 Adjournment**

Friday, November 7, 2003
8:30 a.m. - 4:15 p.m.

Session III - Identification & Susceptibility Testing of Fungi

- 7:30 Registration**
- 8:30 Update on Taxonomy and Identification of Fungi**
Davise H. Larone, PhD, ABMM, Director of
Clinical Microbiology, Cornell Medical
Center, New York Presbyterian Hospital,
New York City, NY
- 9:15 Molecular & Serologic Methods for the Diagnosis of Fungal Diseases**
Christine J. Morrison, PhD, Chief,
Diagnostics Development Unit, Mycotic
Diseases Branch, CDC, Atlanta, GA

- 10:00 Refreshment Break**
- 10:30 Current NCCLS Methods for Antifungal Susceptibility Testing**
Michael A. Pfaller, MD, Professor of
Pathology, Dept. of Pathology, Univ.
of Iowa Health Care, Iowa City, IA
- 11:15 Newer Methods for Antifungal Susceptibility Testing**
Annette Fothergill, MA, MBA,MT(ASCP),
CLS(NCA), Technical Director, Fungus
Testing Laboratory, Univ. of Texas
Health Science Center, San Antonio, TX
- 12:00 Roundtable Discussion**
- 12:15 Lunch**
- Session IV - Other Issues***
- 1:30 The Role of the Laboratory in Epidemiology Investigation**
Mary E. Brandt, PhD, Chief, Fungus
Reference Unit, Mycotic Diseases
Branch, CDC, Atlanta, GA
- 2:15 Molecular Methods in the Epidemiology of Candida Infections**
Michael Pfaller, MD

- 3:00 Diagnostic Dilemmas: What Would Your Lab Do?**
Karin L. McGowan, PhD, F(AAM),
Associate Professor, Dept. of Pediatrics
and Microbiology, Univ. of Penn. School
of Medicine, Children's Hospital of
Philadelphia, Philadelphia, PA
- 3:45 Roundtable Discussion**
- 4:00 Evaluations**
- 4:15 Symposium Adjournment**



Registration Information

34th Annual Symposium
November 6-7, 2003

***Please Complete Enclosed
Registration Form.***

REGISTRATION FEES

Includes program materials, refreshment
breaks and lunch.

Two-day Pre-registration	\$195.00
Two-day On-site registration	\$210.00
One-day Pre-registration	\$100.00
One-day On-site registration	\$110.00

Students, Fellows, Residents

Two-day registration	\$100.00 •
One-day registration	\$ 60.00 •

- Letter with departmental letterhead verifying
status as fellow, resident or student should be
provided with registration.

Send completed registration form to:

Fax: 617-983-8037
Mail: NLTN
305 South Street
Boston, MA 02130-3597

Pay by check, money order, purchase order or
credit card (checks payable to "APHL").

No refunds after October 12, 2003

Confirmation letters will not be sent.

Applicants will be notified if course is filled.

Directions to the University of Pennsylvania are
on the web at:

<http://www.facilities.upenn.edu/visitUs/>.

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